

INTERNATIONAL SEARCH REPORT

Intern Application No
PCT/IB2005/050752

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01R33/54

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, IBM-TDB, COMPENDEX, INSPEC, BIOSIS, MEDLINE, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 246 327 A (YOKOGAWA MEDICAL SYSTEMS, LTD) 25 November 1987 (1987-11-25) page 4 - page 5 page 8 - page 11 figure 2	1, 3, 4, 9-11
X	US 5 416 412 A (SLAYMAN ET AL) 16 May 1995 (1995-05-16) column 2, line 41 - column 3, line 29 column 5, line 57 - column 8, line 28	1, 3, 9-11
X	EP 0 463 789 A (GENERAL ELECTRIC COMPANY) 2 January 1992 (1992-01-02) page 7, line 18 - page 8, line 50	1, 3, 9-11
X	US 6 687 527 B1 (WU DEE H ET AL) 3 February 2004 (2004-02-03) column 8, line 26 - column 20, line 14	1, 3-5, 9-11
	----- -/--	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* & * document member of the same patent family

Date of the actual completion of the international search

10 May 2005

Date of mailing of the international search report

25/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Streif, J

INTERNATIONAL SEARCH REPORT

Interr Application No
PCT/IB2005/050752

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WEIGER M ET AL: "Increasing the SNR in steady-state imaging by Sensitivity Encoding" PROCEEDINGS OF THE INTERNATIONAL SOCIETY FOR MAGNETIC RESONANCE IN MEDICINE, 9TH SCIENTIFIC MEETING AND EXHIBITION, GLASGOW, SCOTLAND, UK, 21-27 APRIL 2001, 21 April 2001 (2001-04-21), page 1798, XP002327664 the whole document	1-6,9-11
X	SIVALINGAM B AND KING KF: "Improvement of SNR for knee imaging using SENSE" PROCEEDINGS OF THE INTERNATIONAL SOCIETY FOR MAGNETIC RESONANCE IN MEDICINE, 11TH SCIENTIFIC MEETING AND EXHIBITION, TORONTO, ONTARIO, CANADA, 10-16 JULY 2003, 10 July 2003 (2003-07-10), page 2335, XP002327665 the whole document	1-6,9-11
A	PATENT ABSTRACTS OF JAPAN vol. 017, no. 591 (C-1125), 28 October 1993 (1993-10-28) & JP 05 176911 A (HITACHI MEDICAL CORP), 20 July 1993 (1993-07-20) the whole document	1-11
A	US 2002/067165 A1 (RABE FRANK ET AL) 6 June 2002 (2002-06-06) the whole document	1-11

INTERNATIONAL SEARCH REPORT

Interr Application No
PCT/IB2005/050752

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0246327	A	25-11-1987	JP 1651786 C	30-03-1992
			JP 3016851 B	06-03-1991
			JP 62103554 A	14-05-1987
			EP 0246327 A1	25-11-1987
			WO 8702568 A2	07-05-1987
			US 4786871 A	22-11-1988
US 5416412	A	16-05-1995	DE 4434078 A1	06-04-1995
			JP 7163545 A	27-06-1995
EP 0463789	A	02-01-1992	US 5107215 A	21-04-1992
			CA 2042217 A1	26-12-1991
			EP 0463789 A2	02-01-1992
			IL 98437 A	13-05-1993
			JP 1917502 C	23-03-1995
			JP 4231937 A	20-08-1992
			JP 6018568 B	16-03-1994
US 6687527	B1	03-02-2004	EP 1423722 A1	02-06-2004
			JP 2005501624 T	20-01-2005
			WO 03021284 A1	13-03-2003
JP 05176911	A	20-07-1993	JP 3189982 B2	16-07-2001
US 2002067165	A1	06-06-2002	DE 10031705 A1	17-01-2002
			JP 2002034953 A	05-02-2002